

DPM 2460

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

## SECTION I

MANUFACTURER'S NAME <b>Aztec Chemical, Inc.</b>		EMERGENCY TELEPHONE NO. <b>(818) 448-9262</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>10770 Lower Azusa Road El Monte, Ca. 91731</b>		
CHEMICAL NAME AND SYNONYMS <b>ketone solubilized resin</b>		TRADE NAME AND SYNONYMS <b>Temp-A-Spot</b>
CHEMICAL FAMILY <b>vinyl solution</b>	FORMULA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

  

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
<b>amyl and di isobutyl ketone</b>	<b>70</b>	<b>25</b>

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>300°F.</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>1.08</b>
VAPOR PRESSURE (mm Hg.)	<b>3</b>	PERCENT VOLATILE BY VOLUME (%)	<b>73%</b>
VAPOR DENSITY (AIR=1)	<b>2.5</b>	EVAPORATION RATE <b>N. But. Acetate</b>	<b>.2</b>
SOLUBILITY IN WATER	<b>0</b>		
APPEARANCE AND ODOR <b>thick red solution, lacquer odor</b>			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>130° F. T.C.C.</b>	FLAMMABLE LIMITS	Lel <b>4</b>	Uel <b>6</b>
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES <b>None</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

25 p.p.m.

EFFECTS OF OVEREXPOSURE

Breathing will cause dizziness, will irritate skin and eyes, ingestion is moderately toxic.

EMERGENCY AND FIRST AID PROCEDURES

Breathe fresh air or oxygen if dizzy or nauseous, wash eyes with water, wash skin with soap and water, if ingested, don't induce vomiting, consult a physician.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
oxidizers, articles of yellow label			
HAZARDOUS DECOMPOSITION PRODUCTS			
noxious fumes			
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Soak up with an inert filler such as vermiculite and dispose of in leak proof metal containers.	
WASTE DISPOSAL METHOD	
incinerate or land fill	

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
None, Use with adequate ventilation		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER open
PROTECTIVE GLOVES		EYE PROTECTION
optional		optional
OTHER PROTECTIVE EQUIPMENT		

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Do not store near or with flame or heat sources, keep sealed.	
OTHER PRECAUTIONS	None



## AZTEC CHEMICAL, INC.

POST OFFICE BOX 538  
WEST COVINA, CA 91793  
213-919-4332

# MATERIAL SPECIFICATION

### AZ TEMP-A-SPOT Temperature Indication from 250 to 400° F.

Color indication of temperature is easily determined by baking indicated parts over a 4 hour continual span and varying the temperature.

250° F.	indicates red to dark red
300° F.	indicates red to brown
350° F.	indicates red to dark brown
400° F. or higher	indicates red to black

The color change is contingent upon the oven temperature, time of exposure, surface conditions of heated part and amount of indicator applied.

AZ Temp-A-Spot will have less color change if applied over an alkaline surface.

Also, stir Temp-A-Spot periodically to insure that a proper amount of color is applied.



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### PRODUCT SPECIFICATION

#### TEMPA-SPOT

A hydrogen embrittlement baking indicator

#### TYPICAL PROPERTIES

Appearance	thick red liquid
Odor	pungent lacquer
Specific Gravity	1.08
Weight per gallon	9 pounds
Flash point	140° F. open cup
Viscosity	1000 cps +
MAC	30 p. p. m.
Hazard class	combustible

Tempa-spot is an indicator of heat and will change color over intervals of time at elevated temperatures. It is packaged in 4 oz. cans with an easy to use applicator brush in the cap.

Tempa-spot has an indefinite shelf life when sealed tightly and is thinnable with any ketone solvent.

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